

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Print Format

Your search matched **45** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 Upper bounds for approximation of continuous-time dynamics using delayed outputs and feedforward neural networks

Lavretsky, E.; Hovakimyan, N.; Calise, A.J.;

Automatic Control, IEEE Transactions on , Volume: 48 , Issue: 9 , Sept. 2003
Pages:1606 - 1610

[Abstract] [PDF Full-Text (308KB)] IEEE JNL

2 A novel error observer-based adaptive output feedback approach for control of uncertain systems

Hovakimyan, N.; Nardi, F.; Calise, A.J.;

Automatic Control, IEEE Transactions on , Volume: 47 , Issue: 8 , Aug. 2002
Pages:1310 - 1314

[Abstract] [PDF Full-Text (292KB)] IEEE JNL

3 Adaptive nonlinear control of agile antiair missiles using neural networks

McFarland, M.B.; Calise, A.J.;

Control Systems Technology, IEEE Transactions on , Volume: 8 , Issue: 5 , Sept. 2000
Pages:749 - 756

[Abstract] [PDF Full-Text (172KB)] IEEE JNL

4 Nonlinear adaptive flight control using neural networks

Calise, A.J.; Rysdyk, R.T.;

Control Systems Magazine, IEEE , Volume: 18 , Issue: 6 , Dec. 1998
Pages:14 - 25

[Abstract] [PDF Full-Text (1936KB)] IEEE JNL

5 Neural networks in nonlinear aircraft flight control

Calise, A.J.;

Aerospace and Electronic Systems Magazine, IEEE , Volume: 11 , Issue: 7 , July 1996
Pages:5 - 10

[Abstract] [PDF Full-Text (540KB)] IEEE JNL

6 Active vibration control using fixed order dynamic compensation with frequency shaped cost functionals

Prasad, J.V.R.; Calise, A.J.; Byrns, E.V., Jr.;

Control Systems Magazine, IEEE ,Volume: 11 , Issue: 3 , April 1991

Pages:71 - 78

[\[Abstract\]](#) [\[PDF Full-Text \(572KB\)\]](#) IEEE JNL

7 Design of optimal output feedback compensators in two-time scale systems

Calise, A.J.; Prasad, J.V.R.; Siciliano, B.;

Automatic Control, IEEE Transactions on ,Volume: 35 , Issue: 4 , April 1990

Pages:488 - 492

[\[Abstract\]](#) [\[PDF Full-Text \(464KB\)\]](#) IEEE JNL

8 Near-optimal output feedback regulation of ill-conditioned linear systems

Moerder, D.D.; Calise, A.J.;

Automatic Control, IEEE Transactions on ,Volume: 33 , Issue: 5 , May 1988

Pages:463 - 466

[\[Abstract\]](#) [\[PDF Full-Text \(304KB\)\]](#) IEEE JNL

9 Robust adaptive nonlinear control using single hidden layer neural networks

Nardi, F.; Calise, A.J.;

Decision and Control, 2000. Proceedings of the 39th IEEE Conference on ,Volume: 4 , 12-15 Dec. 2000

Pages:3825 - 3830 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(420KB\)\]](#) IEEE CNF

10 Neural network augmentation of linear controllers with application to underwater vehicles

Campa, G.; Sharma, M.; Calise, A.J.; Innocenti, M.;

American Control Conference, 2000. Proceedings of the 2000 ,Volume: 1 , Issue: 6 , 28-30 June 2000

Pages:75 - 79 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(344KB\)\]](#) IEEE CNF

11 Robust adaptive control of uncertain nonlinear systems using neural networks

McFarland, M.B.; Calise, A.J.;

American Control Conference, 1997. Proceedings of the 1997 ,Volume: 3 , 4-6 June 1997

Pages:1996 - 2000 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(372KB\)\]](#) IEEE CNF

12 Output feedback control of an uncertain system using an adaptive observer

Bong-Jun Yang; Hovakimyan, N.; Calise, A.J.;

Decision and Control, 2003. Proceedings. 42nd IEEE Conference on ,Volume: 2 , Dec. 9-12, 2003

Pages:1705 - 1710

[\[Abstract\]](#) [\[PDF Full-Text \(431KB\)\]](#) IEEE CNF

13 Decentralized adaptive output feedback control via input/output inversion

Hovakimyan, N.; Lavretsky, E.; Calise, A.J.; Sattigeri, R.;
Decision and Control, 2003. Proceedings. 42nd IEEE Conference on , Volume:
2 , Dec. 9-12, 2003
Pages:1699 - 1704

[\[Abstract\]](#) [\[PDF Full-Text \(413KB\)\]](#) IEEE CNF

14 Adaptive output feedback control with reduced sensitivity to sensor noise

Kutay, A.T.; Calise, A.J.; Hovakimyan, N.;
American Control Conference, 2003. Proceedings of the 2003 , Volume: 6 , 4-6
June 2003
Pages:5141 - 5146 vol.6

[\[Abstract\]](#) [\[PDF Full-Text \(458KB\)\]](#) IEEE CNF

15 Extending linear designs to nonlinear systems via adaptive architectures

Hovakimyan, N.; Calise, A.J.;
American Control Conference, 2003. Proceedings of the 2003 , Volume: 1 , 4-6
June 2003
Pages:555 - 560 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(474KB\)\]](#) IEEE CNF

[1](#) [2](#) [3](#) [Next](#)



IEEE Xplore®
RELEASE 1.7

Welcome
United States Patent and Trademark Office



» Search Results

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)

[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Print Format

Your search matched **45** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

31 Robust adaptive control using single-hidden-layer feedforward neural networks

McFarland, M.B.; Rysdyk, R.T.; Calise, A.J.;

American Control Conference, 1999. Proceedings of the 1999 ,Volume: 6 , 2-4 June 1999

Pages:4178 - 4182 vol.6

[\[Abstract\]](#) [\[PDF Full-Text \(344KB\)\]](#) **IEEE CNF**

32 Dynamic neural networks for output feedback control

Hovakimyan, N.; Rysdyk, R.; Calise, A.J.;

Decision and Control, 1999. Proceedings of the 38th IEEE Conference on ,Volume: 2 , 7-10 Dec. 1999

Pages:1685 - 1690 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(324KB\)\]](#) **IEEE CNF**

33 Implementation of adaptive nonlinear control for flight test on an unmanned helicopter

Corban, J.E.; Calise, A.J.; Prasad, J.V.R.;

Decision and Control, 1998. Proceedings of the 37th IEEE Conference on ,Volume: 4 , 16-18 Dec. 1998

Pages:3641 - 3646 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(532KB\)\]](#) **IEEE CNF**

34 Adaptive nonlinear control for tiltrotor aircraft

Rysdyk, R.T.; Calise, A.J.;

Control Applications, 1998. Proceedings of the 1998 IEEE International Conference on ,Volume: 2 , 1-4 Sept. 1998

Pages:980 - 984 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(344KB\)\]](#) **IEEE CNF**

35 Experiments in robust control on a laboratory model of a six story building

Calise, A.J.; Craig, J.I.; Gong, G.;

American Control Conference, 1998. Proceedings of the 1998 ,Volume: 4 , 24-26 June 1998

Pages:2569 - 2573 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(396KB\)\]](#) [IEEE CNF](#)

36 On-orbit model refinement for controller redesign

Whorton, M.S.; Calise, A.J.;

Aerospace Conference, 1998. Proceedings., IEEE , Volume: 2 , 21-28 March 1998
Pages:105 - 116 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(892KB\)\]](#) [IEEE CNF](#)

37 Performance evaluation of robust controllers in earthquake structural dynamics problems with large hysteretic nonlinearities

Cheng-Chieh Hsu; Goodno, B.J.; Calise, A.J.; Craig, J.I.;

American Control Conference, 1995. Proceedings of the , Volume: 3 , 21-23 June 1995
Pages:1916 - 1920 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(464KB\)\]](#) [IEEE CNF](#)

38 Robustness analysis for a neural network based adaptive control scheme

McFarland, M.B.; Calise, A.J.;

American Control Conference, 1995. Proceedings of the , Volume: 3 , 21-23 June 1995
Pages:2158 - 2162 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(356KB\)\]](#) [IEEE CNF](#)

39 Neural networks in nonlinear aircraft flight control

Calise, A. J.;

WESCON/'95. Conference record. 'Microelectronics Communications Technology Producing Quality Products Mobile and Portable Power Emerging Technologies' , 7-9 Nov. 1995
Pages:714

[\[Abstract\]](#) [\[PDF Full-Text \(472KB\)\]](#) [IEEE CNF](#)

40 Building Sismic Response Attenuation Using Robust Control And Architectural Cladding

Hsu, C.C.; Calise, A.J.; Sweriduk, G.D.; Goodno, B.J.; Craig, J.I.;

American Control Conference, 1994 , Volume: 1 , June 29-July 1, 1994
Pages:1073 - 1077

[\[Abstract\]](#) [\[PDF Full-Text \(364KB\)\]](#) [IEEE CNF](#)

41 Helicopter adaptive flight control using neural networks

Calise, A.J.; Kim, B.S.; Leitner, J.; Prasad, J.V.R.;

Decision and Control, 1994., Proceedings of the 33rd IEEE Conference on , Volume: 4 , 14-16 Dec. 1994
Pages:3336 - 3341 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(380KB\)\]](#) [IEEE CNF](#)

42 Nonlinear Flight Control Using Neural Networks and Feedback Linearization

Byoung Soo Kim; Calise, A.J.; Kam, M.;

Aerospace Control Systems, 1993. Proceedings. The First IEEE Regional Conference

on , May 25-27, 1993

Pages:176 - 181

[\[Abstract\]](#) [\[PDF Full-Text \(488KB\)\]](#) IEEE CNF

43 Robust Fixed Order Dynamic Compensation: a Differential Game Approach

Swenduk, G.D.; Calise, A.J.;

Aerospace Control Systems, 1993. Proceedings. The First IEEE Regional Conference on , May 25-27, 1993

Pages:458 - 462

[\[Abstract\]](#) [\[PDF Full-Text \(424KB\)\]](#) IEEE CNF

44 Trajectory optimization and guidance law development for transatmospheric vehicles

Corban, J.E.; Calise, A.J.; Flandro, G.A.;

Control and Applications, 1989. Proceedings. ICCON '89. IEEE International Conference on , April 3-6, 1989

Pages:460 - 465

[\[Abstract\]](#) [\[PDF Full-Text \(584KB\)\]](#) IEEE CNF

45 Stabilization of uncertain systems by fixed order compensation

Calise, A.J.; Garofalo, F.; Glielmo, L.; Siciliano, B.;

Decision and Control, 1988., Proceedings of the 27th IEEE Conference on , 7-9 Dec. 1988

Pages:1016 - 1017 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(128KB\)\]](#) IEEE CNF

[Prev](#) [1](#) [2](#) [3](#)

Welcome to IEEE Xplore[®]

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

 Print Format

Your search matched **45** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

16 Adaptive output feedback control with input saturation

Bong-Jun Yang; Calise, A.J.; Craig, J.I.;

American Control Conference, 2003. Proceedings of the 2003 , Volume: 2 , June 4-6, 2003

Pages:1572 - 1577

[\[Abstract\]](#) [\[PDF Full-Text \(463KB\)\]](#) IEEE CNF

17 An adaptive observer design methodology for bounded nonlinear processes

Hovakimyan, N.; Calise, A.J.; Madyastha, V.K.;

Decision and Control, 2002, Proceedings of the 41st IEEE Conference on , Volume: 4 , 10-13 Dec. 2002

Pages:4700 - 4705 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(403KB\)\]](#) IEEE CNF

18 An adaptive output feedback control methodology for non-minimum phase systems

Hovakimyan, N.; Bong-Jun Yang; Calise, A.J.;

Decision and Control, 2002, Proceedings of the 41st IEEE Conference on , Volume: 1 , 10-13 Dec. 2002

Pages:949 - 954 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(409KB\)\]](#) IEEE CNF

19 Fighter aircraft at high angles of attack

Calise, A.J.; Johnson, M.; Shin, Y.;

Circuits and Systems, 2002. MWSCAS-2002. The 2002 45th Midwest Symposium on , Volume: 2 , 4-7 Aug. 2002

Pages:144 - 147

[\[Abstract\]](#) [\[PDF Full-Text \(304KB\)\]](#) IEEE CNF

20 Adaptive backstepping control for a class of nonlinear systems via multilayered neural networks

Sharma, M.; Calise, A.J.;

American Control Conference, 2002. Proceedings of the 2002 , Volume: 4 , 8-10 May 2002

Pages:2683 - 2688 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(516KB\)\]](#) IEEE CNF

21 Adaptive output feedback control of uncertain multi-input multi-output systems using single hidden layer neural networks

Hovakimyan, N.; Calise, A.J.;

American Control Conference, 2002. Proceedings of the 2002 ,Volume: 2 , 8-10 May 2002

Pages:1555 - 1560 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(506KB\)\]](#) IEEE CNF

22 Augmentation of an existing linear controller with an adaptive element

Calise, A.J.; Bong-Jun Yang; Craig, J.I.;

American Control Conference, 2002. Proceedings of the 2002 ,Volume: 2 , 8-10 May 2002

Pages:1549 - 1554 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(573KB\)\]](#) IEEE CNF

23 Adaptive guidance and control for autonomous launch vehicles

Johnson, E.N.; Calise, A.J.; Corban, J.E.;

Aerospace Conference, 2001, IEEE Proceedings. ,Volume: 6 , 10-17 March 2001

Pages:2669 - 2682 vol.6

[\[Abstract\]](#) [\[PDF Full-Text \(1064KB\)\]](#) IEEE CNF

24 A novel observer based adaptive output feedback approach for control of uncertain systems

Hovakimyan, N.; Nardi, F.; Calise, A.J.;

American Control Conference, 2001. Proceedings of the 2001 ,Volume: 3 , 25-27 June 2001

Pages:2444 - 2449 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(384KB\)\]](#) IEEE CNF

25 Decentralized control of large-scale systems using single hidden layer neural networks

Nardi, F.; Hovakimyan, N.; Calise, A.J.;

American Control Conference, 2001. Proceedings of the 2001 ,Volume: 4 , 25-27 June 2001

Pages:3122 - 3127 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(376KB\)\]](#) IEEE CNF

26 Intelligent aerodynamic/propulsion flight control for flight safety: a nonlinear adaptive approach

Idan, M.; Johnson, M.; Calise, A.J.; Kaneshige, J.;

American Control Conference, 2001. Proceedings of the 2001 ,Volume: 4 , 25-27 June 2001

Pages:2918 - 2923 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(432KB\)\]](#) IEEE CNF

27 Neural network adaptive control of systems with input saturation

Johnson, E.N.; Calise, A.J.;

American Control Conference, 2001. Proceedings of the 2001 ,Volume: 5 , 25-27

June 2001
Pages:3527 - 3532 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(448KB\)\]](#) IEEE CNF

28 An SPR approach for adaptive output feedback control with neural networks

Calise, A.J.; Hovakimyan, N.; Idan, M.;

Decision and Control, 2001. Proceedings of the 40th IEEE Conference on , Volume: 4 , 4-7 Dec. 2001

Pages:3134 - 3139 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(272KB\)\]](#) IEEE CNF

29 Adaptive nonlinear controller synthesis and flight test evaluation on an unmanned helicopter

Prasad, J.V.R.; Calise, A.J.; Pei, Y.; Corban, J.E.;

Control Applications, 1999. Proceedings of the 1999 IEEE International Conference on , Volume: 1 , 22-27 Aug. 1999

Pages:137 - 142 vol. 1

[\[Abstract\]](#) [\[PDF Full-Text \(432KB\)\]](#) IEEE CNF

30 Robust adaptive nonlinear flight control applications using neural networks

Rysdyk, R.; Nardi, F.; Calise, A.J.;

American Control Conference, 1999. Proceedings of the 1999 , Volume: 4 , 2-4 June 1999

Pages:2595 - 2599 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(404KB\)\]](#) IEEE CNF

[Prev](#) [1](#) [2](#) [3](#) [Next](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

 Print Format

Your search matched **23** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 Upper bounds for approximation of continuous-time dynamics using delayed outputs and feedforward neural networks

Lavretsky, E.; Hovakimyan, N.; Calise, A.J.;

Automatic Control, IEEE Transactions on , Volume: 48 , Issue: 9 , Sept. 2003
Pages:1606 - 1610

[\[Abstract\]](#) [\[PDF Full-Text \(308KB\)\]](#) IEEE JNL

2 Adaptive output feedback control of uncertain nonlinear systems using single-hidden-layer neural networks

Hovakimyan, N.; Nardi, F.; Calise, A.; Nakwan Kim;

Neural Networks, IEEE Transactions on , Volume: 13 , Issue: 6 , Nov. 2002
Pages:1420 - 1431

[\[Abstract\]](#) [\[PDF Full-Text \(738KB\)\]](#) IEEE JNL

3 A novel error observer-based adaptive output feedback approach for control of uncertain systems

Hovakimyan, N.; Nardi, F.; Calise, A.J.;

Automatic Control, IEEE Transactions on , Volume: 47 , Issue: 8 , Aug. 2002
Pages:1310 - 1314

[\[Abstract\]](#) [\[PDF Full-Text \(292KB\)\]](#) IEEE JNL

4 A differential game approach to aerial refueling autopilot design

Stepanyan, V.; Lavrelsky, E.; Hovakimyan, N.;

Decision and Control, 2003. Proceedings. 42nd IEEE Conference on , Volume: 5 , 9-12 Dec. 2003
Pages:4920 - 4925

[\[Abstract\]](#) [\[PDF Full-Text \(442KB\)\]](#) IEEE CNF

5 Adaptive output feedback control of nonlinear systems using neural networks

Calise, A.; Hovakimyan, N.; Hungu Lee;

American Control Conference, 2000. Proceedings of the 2000 , Volume: 5 , 28-30 June 2000
Pages:3153 - 3157 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(376KB\)\]](#) IEEE CNF

6 Optimal pursuit-evasion paths in a game on complete cone

Hovakimyan, N.; Melikyan, A.;

American Control Conference, 2000. Proceedings of the 2000 ,Volume: 6 , 28-30 June 2000

Pages:3865 - 3869 vol.6

[\[Abstract\]](#) [\[PDF Full-Text \(384KB\)\]](#) [IEEE CNF](#)

7 On approximate NN realization of an unknown dynamic system from its input-output history

Hovakimyan, N.; Hungu Lee; Calise, A.;

American Control Conference, 2000. Proceedings of the 2000 ,Volume: 2 , 28-30 June 2000

Pages:919 - 923 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(292KB\)\]](#) [IEEE CNF](#)

8 Output feedback control of an uncertain system using an adaptive observer

Bong-Jun Yang; Hovakimyan, N.; Calise, A.J.;

Decision and Control, 2003. Proceedings. 42nd IEEE Conference on ,Volume: 2 , Dec. 9-12, 2003

Pages:1705 - 1710

[\[Abstract\]](#) [\[PDF Full-Text \(431KB\)\]](#) [IEEE CNF](#)

9 Decentralized adaptive output feedback control via input/output inversion

Hovakimyan, N.; Lavretsky, E.; Calise, A.J.; Sattigeri, R.;

Decision and Control, 2003. Proceedings. 42nd IEEE Conference on ,Volume: 2 , Dec. 9-12, 2003

Pages:1699 - 1704

[\[Abstract\]](#) [\[PDF Full-Text \(413KB\)\]](#) [IEEE CNF](#)

10 Dynamic programming approach to a minimum distance optimal control problem

Melikyan, A.; Hovakimyan, N.; Ikeda, Y.;

Decision and Control, 2003. Proceedings. 42nd IEEE Conference on ,Volume: 1 , Dec. 9-12, 2003

Pages:239 - 244

[\[Abstract\]](#) [\[PDF Full-Text \(567KB\)\]](#) [IEEE CNF](#)

11 An adaptive approach to control of distributed parameter systems

King, B.; Hovakimyan, N.;

Decision and Control, 2003. Proceedings. 42nd IEEE Conference on ,Volume: 6 , Dec. 9-12, 2003

Pages:5715 - 5720

[\[Abstract\]](#) [\[PDF Full-Text \(460KB\)\]](#) [IEEE CNF](#)

12 Passivity-based neural network adaptive output feedback control for nonlinear nonnegative dynamical systems

Hayakawa, T.; Haddad, W.M.; Bailey, J.M.; Hovakimyan, N.;

Decision and Control, 2003. Proceedings. 42nd IEEE Conference on ,Volume:

6 , Dec. 9-12, 2003

Pages:5697 - 5702

[\[Abstract\]](#) [\[PDF Full-Text \(580KB\)\]](#) IEEE CNF

13 Adaptive output feedback control with reduced sensitivity to sensor noise

Kutay, A.T.; Calise, A.J.; Hovakimyan, N.;

American Control Conference, 2003. Proceedings of the 2003 ,Volume: 6 , 4-6
June 2003

Pages:5141 - 5146 vol.6

[\[Abstract\]](#) [\[PDF Full-Text \(458KB\)\]](#) IEEE CNF

14 Adaptive extremum seeking control design

Lavretsky, E.; Hovakimyan, N.; Calise, A.;

American Control Conference, 2003. Proceedings of the 2003 ,Volume: 1 , 4-6
June 2003

Pages:567 - 572 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(353KB\)\]](#) IEEE CNF

15 Neural network adaptive control for nonlinear nonnegative dynamical systems

Hayakawa, T.; Haddad, W.M.; Hovakimyan, N.; Chellaboina, V.;

American Control Conference, 2003. Proceedings of the 2003 ,Volume: 1 , 4-6
June 2003

Pages:561 - 566 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(571KB\)\]](#) IEEE CNF

[1](#) [2](#) [Next](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Print Format

Your search matched **23** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

16 Extending linear designs to nonlinear systems via adaptive architectures

Hovakimyan, N.; Calise, A.J.;

American Control Conference, 2003. Proceedings of the 2003 , Volume: 1 , 4-6
June 2003

Pages:555 - 560 vol.1

[Abstract] [PDF Full-Text (474KB)] IEEE CNF

17 An adaptive observer design methodology for bounded nonlinear processes

Hovakimyan, N.; Calise, A.J.; Madyastha, V.K.;

Decision and Control, 2002, Proceedings of the 41st IEEE Conference on , Volume: 4 , 10-13 Dec. 2002

Pages:4700 - 4705 vol.4

[Abstract] [PDF Full-Text (403KB)] IEEE CNF

18 An adaptive output feedback control methodology for non-minimum phase systems

Hovakimyan, N.; Bong-Jun Yang; Calise, A.J.;

Decision and Control, 2002, Proceedings of the 41st IEEE Conference on , Volume: 1 , 10-13 Dec. 2002

Pages:949 - 954 vol.1

[Abstract] [PDF Full-Text (409KB)] IEEE CNF

19 Adaptive output feedback control of uncertain multi-input multi-output systems using single hidden layer neural networks

Hovakimyan, N.; Calise, A.J.;

American Control Conference, 2002. Proceedings of the 2002 , Volume: 2 , 8-10
May 2002

Pages:1555 - 1560 vol.2

[Abstract] [PDF Full-Text (506KB)] IEEE CNF

20 A novel observer based adaptive output feedback approach for control of uncertain systems

Hovakimyan, N.; Nardi, F.; Calise, A.J.;

American Control Conference, 2001. Proceedings of the 2001 , Volume: 3 , 25-27

June 2001
Pages:2444 - 2449 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(384KB\)\]](#) IEEE CNF

21 Decentralized control of large-scale systems using single hidden layer neural networks

Nardi, F.; Hovakimyan, N.; Calise, A.J.;

American Control Conference, 2001. Proceedings of the 2001 ,Volume: 4 , 25-27
June 2001

Pages:3122 - 3127 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(376KB\)\]](#) IEEE CNF

22 An SPR approach for adaptive output feedback control with neural networks

Calise, A.J.; Hovakimyan, N.; Idan, M.;

Decision and Control, 2001. Proceedings of the 40th IEEE Conference on ,Volume: 4 , 4-7 Dec. 2001

Pages:3134 - 3139 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(272KB\)\]](#) IEEE CNF

23 Dynamic neural networks for output feedback control

Hovakimyan, N.; Rysdyk, R.; Calise, A.J.;

Decision and Control, 1999. Proceedings of the 38th IEEE Conference on ,Volume: 2 , 7-10 Dec. 1999

Pages:1685 - 1690 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(324KB\)\]](#) IEEE CNF

[Prev](#) [1](#) [2](#)



Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Print Format

Your search matched **6** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 Estimation of Rodrigues parameters from vector observations

Idan, M.;

Aerospace and Electronic Systems, IEEE Transactions on , Volume: 32 , Issue: 2 , April 1996

Pages:578 - 586

[\[Abstract\]](#) [\[PDF Full-Text \(808KB\)\]](#) **IEEE JNL**

2 Three-dimensional minimum energy guidance

Guelman, M.; Idan, M.; Golan, O.M.;

Aerospace and Electronic Systems, IEEE Transactions on , Volume: 31 , Issue: 2 , April 1995

Pages:835 - 841

[\[Abstract\]](#) [\[PDF Full-Text \(520KB\)\]](#) **IEEE JNL**

3 Adaptive neural control of deep-space formation flying

Gurfil, P.; Idan, M.; Kasdin, N.J.;

American Control Conference, 2002. Proceedings of the 2002 , Volume: 4 , 8-10 May 2002

Pages:2842 - 2847 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(585KB\)\]](#) **IEEE CNF**

4 Intelligent aerodynamic/propulsion flight control for flight safety: a nonlinear adaptive approach

Idan, M.; Johnson, M.; Calise, A.J.; Kaneshige, J.;

American Control Conference, 2001. Proceedings of the 2001 , Volume: 4 , 25-27 June 2001

Pages:2918 - 2923 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(432KB\)\]](#) **IEEE CNF**

5 An SPR approach for adaptive output feedback control with neural networks

Calise, A.J.; Hovakimyan, N.; Idan, M.;

Decision and Control, 2001. Proceedings of the 40th IEEE Conference on , Volume: 4 , 4-7 Dec. 2001

Pages:3134 - 3139 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(272KB\)\]](#) IEEE CNF

6 $H/\sqrt{2} / H/\sqrt{1/\infty}$ Filtering: Theory and an Aerospace Application

Rotstein, H.; Sznajder, M.; Idan, M.;

American Control Conference, 1994 , Volume: 2 , June 29 - July 1, 1994

Pages:1791 - 1795

[\[Abstract\]](#) [\[PDF Full-Text \(340KB\)\]](#) IEEE CNF

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [O](#)
[Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to](#)

Copyright © 2004 IEEE — All rights reserved

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Print Format

Your search matched **300** of **1043368** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or entering a new one in the text box.

adaptive <near/2> control<and>feedback<and>neur

☐ Check to search within this result set

Results Key:

JNL = Journal or Magazine CNF = Conference STD = Standard

1 Estimation and neurocontrol in the presence of feedback

Darlington, P.;

Artificial Neural Networks, 1991., Second International Conference on , 18-20 Nov 1991

Pages:300 - 303

[Abstract] [PDF Full-Text (228 KB)] IEEE CNF

2 A self-tuning immune feedback controller for controlling mechanical systems

Takahashi, K.; Yamada, T.;

Advanced Intelligent Mechatronics '97., IEEE/ASME International Conference on , 16-20 June 1997

Pages:101

[Abstract] [PDF Full-Text (76 KB)] IEEE CNF

3 Adaptive neural network control of nonlinear systems by state and output feedback

Ge, S.S.; Hang, C.C.; Tao Zhang;

Systems, Man and Cybernetics, Part B, IEEE Transactions on , Volume: 29 , Issue: 6 , Dec. 1999

Pages:818 - 828

[Abstract] [PDF Full-Text (632 KB)] IEEE JNL

4 Stabilizing control of a high-order generator model by adaptive feedback linearization

Fregene, K.; Kennedy, D.;

Energy Conversion, IEEE Transactions on , Volume: 18 , Issue: 1 , March 2003

Pages:149 - 156

[Abstract] [PDF Full-Text (572 KB)] IEEE JNL

5 Control of unknown nonlinear systems using output feedback

Kosmatopoulos, E.B.;

Decision and Control, 1998. Proceedings of the 37th IEEE Conference on , Volume: 2 , 16-18 Dec. 1998

Pages:1464 - 1469 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(420 KB\)\]](#) IEEE CNF

6 Feedback linearization of unknown nonlinear systems using neural networks-an application to motor control

Teixeira, E.; Loparo, K.; Gomide, F.;

Industrial Electronics, Control, and Instrumentation, 1993. Proceedings of the IECON '93., International Conference on , 15-19 Nov. 1993

Pages:182 - 187 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(352 KB\)\]](#) IEEE CNF

7 Neural-network control of nonaffine nonlinear system with zero dynamics by state and output feedback

Ge, S.S.; Jin Zhang;

Neural Networks, IEEE Transactions on , Volume: 14 , Issue: 4 , July 2003

Pages:900 - 918

[\[Abstract\]](#) [\[PDF Full-Text \(1583 KB\)\]](#) IEEE JNL

8 Adaptive energy feedback control for resonant converters using neural networks

Quero, J.M.; Carrasco, J.M.; Franquelo, L.G.;

Power Electronics Specialists Conference, 1992. PESC '92 Record., 23rd Annual IEEE , 29 June-3 July 1992

Pages:800 - 806 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(304 KB\)\]](#) IEEE CNF

9 Model reference neurocontrollers based on feedback linearization

Hassibi, K.M.; Loparo, K.A.;

Neural Networks, 1991. 1991 IEEE International Joint Conference on , 18-21 Nov. 1991

Pages:1813 - 1818 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(292 KB\)\]](#) IEEE CNF

10 Feedback-error-learning for controlling a flexible link

de Almeida Neto, A.; Rios Neto, W.; Goes, L.C.S.; Nascimento, C.L., Jr.;

Neural Networks, 2000. Proceedings. Sixth Brazilian Symposium on , 22-25 Nov. 2000

Pages:273 - 278

[\[Abstract\]](#) [\[PDF Full-Text \(380 KB\)\]](#) IEEE CNF

11 Implementation of stable adaptive neural networks for feedback linearization

Hai-Won Yang; Dong-Hun Kim;

Industrial Electronics, 1997. ISIE '97., Proceedings of the IEEE International Symposium on , 7-11 July 1997

Pages:1195 - 1200 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(424 KB\)\]](#) IEEE CNF

12 Control of a high-order power system by neural adaptive feedback linearization

Fregene, K.; Kennedy, D.;

Intelligent Control/Intelligent Systems and Semiotics, 1999. Proceedings of the 1999 IEEE International Symposium on , 15-17 Sept. 1999

Pages:34 - 39

[\[Abstract\]](#) [\[PDF Full-Text \(484 KB\)\]](#) IEEE CNF

13 Static vs. adaptive feedback congestion controller for ATM networks

Yao-Ching Liu; Douligeris, C.;

Global Telecommunications Conference, 1995. GLOBECOM '95., IEEE , Volume: 1 , 13-17 Nov. 1995

Pages:291 - 295 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(619 KB\)\]](#) IEEE CNF

14 Learning control for a closed loop system using feedback-error-learning

Gomi, H.; Kawato, M.;

Decision and Control, 1990., Proceedings of the 29th IEEE Conference on , 5-7 Dec. 1990

Pages:3289 - 3294 vol.6

[\[Abstract\]](#) [\[PDF Full-Text \(552 KB\)\]](#) IEEE CNF

15 Output feedback control of nonlinear systems using RBF neural networks

Seshagiri, S.; Khalil, H.K.;

Neural Networks, IEEE Transactions on , Volume: 11 , Issue: 1 , Jan. 2000

Pages:69 - 79

[\[Abstract\]](#) [\[PDF Full-Text \(328 KB\)\]](#) IEEE JNL

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [13](#) [14](#) [15](#) [16](#) [17](#) [18](#) [19](#) [20](#) [Next](#)

Welcome to IEEE Xplore[®]

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

 Print Format

Your search matched **66** of **1043368** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or entering a new one in the text box.

adaptive <near/2> control<and>feedback<and>neur

Search

☐ Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 Recurrent networks for nonlinear adaptive control

Brdys, M.A.; Kulawski, G.J.; Quevedo, J.;

Control Theory and Applications, IEE Proceedings- , Volume: 145 , Issue: 2 , March 1998

Pages:177 - 188

[Abstract] [PDF Full-Text (1180 KB)] IEE JNL

2 Adaptive inverse control based on linear and nonlinear adaptive filtering

Widrow, B.; Plett, G.L.;

Neural Networks for Identification, Control, Robotics, and Signal/Image Processing, 1996. Proceedings., International Workshop on , 21-23 Aug. 1996

Pages:30 - 38

[Abstract] [PDF Full-Text (360 KB)] IEEE CNF

3 Adaptive control of non-linear plants using neural networks-application to a flux control in AC drive system

Kulawski, G.J.; Brdys, M.A.;

Control, 1994. Control '94. Volume 2., International Conference on , 21-24 Mar 1994

Pages:1472 - 1477 vol.2

[Abstract] [PDF Full-Text (296 KB)] IEE CNF

4 Adaptive control of a class of nonlinear discrete-time systems using neural networks

Fu-Chuang Chen; Khalil, H.K.;

Automatic Control, IEEE Transactions on , Volume: 40 , Issue: 5 , May 1995

Pages:791 - 801

[Abstract] [PDF Full-Text (880 KB)] IEEE JNL

5 Nonlinear control with linearised models and neural networks

Hussain, M.A.; Allwright, J.C.; Kershenbaum, L.S.;
Artificial Neural Networks, 1995., Fourth International Conference on , 26-28 Jun 1995
Pages:279 - 283

[\[Abstract\]](#) [\[PDF Full-Text \(256 KB\)\]](#) [IEEE CNF](#)

6 Fully parallel on-chip learning hardware neural network for real-time control

Liu, J.; Brooke, M.;
Circuits and Systems, 1999. ISCAS '99. Proceedings of the 1999 IEEE International Symposium on , Volume: 5 , 30 May-2 June 1999
Pages:371 - 374 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(408 KB\)\]](#) [IEEE CNF](#)

7 A fully parallel learning neural network chip for real-time control

Jin Liu; Brooke, M.;
Neural Networks, 1999. IJCNN '99. International Joint Conference on , Volume: 4 , 10-16 July 1999
Pages:2323 - 2328 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(520 KB\)\]](#) [IEEE CNF](#)

8 Adaptive inverse control

Widrow, B.; Bilello, M.;
Intelligent Control, 1993., Proceedings of the 1993 IEEE International Symposium on , 25-27 Aug. 1993
Pages:1 - 6

[\[Abstract\]](#) [\[PDF Full-Text \(340 KB\)\]](#) [IEEE CNF](#)

9 Remarks on an adaptive type self-tuning controller using neural networks

Yamada, T.; Yabuta, T.; Takahashi, K.;
Industrial Electronics, Control and Instrumentation, 1991. Proceedings. IECON '91., 1991 International Conference on , 28 Oct.-1 Nov. 1991
Pages:1389 - 1394 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(324 KB\)\]](#) [IEEE CNF](#)

10 Estimation and neurocontrol in the presence of feedback

Darlington, P.;
Artificial Neural Networks, 1991., Second International Conference on , 18-20 Nov 1991
Pages:300 - 303

[\[Abstract\]](#) [\[PDF Full-Text \(228 KB\)\]](#) [IEEE CNF](#)

11 Output feedback control of nonlinear systems using RBF neural networks

Seshagiri, S.; Khalil, H.K.;
American Control Conference, 1999. Proceedings of the 1999 , Volume: 4 , 2-4 June 1999
Pages:2808 - 2812 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(364 KB\)\]](#) [IEEE CNF](#)

12 Implementation of stable adaptive neural networks for feedback linearization

Hai-Won Yang; Dong-Hun Kim;

Industrial Electronics, 1997. ISIE '97., Proceedings of the IEEE International Symposium on , 7-11 July 1997

Pages:1195 - 1200 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(424 KB\)\]](#) [IEEE CNF](#)

13 Adaptive control of a class of nonlinear systems using neural networks

Fu-Chuang Chen; Khalil, H.K.;

Decision and Control, 1995., Proceedings of the 34th IEEE Conference on , Volume: 3 , 13-15 Dec. 1995

Pages:2427 - 2432 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(392 KB\)\]](#) [IEEE CNF](#)

14 Robust adaptive control of unknown plants using recurrent high order neural networks-application to mechanical systems

Rovithakis, G.A.; Kosmatopoulos, E.B.; Christodoulou, M.A.;

Systems, Man and Cybernetics, 1993. 'Systems Engineering in the Service of Humans', Conference Proceedings., International Conference on , 17-20 Oct. 1993

Pages:57 - 62 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(360 KB\)\]](#) [IEEE CNF](#)

15 A dead-zone approach in nonlinear adaptive control using neural networks

Fu-Chuang Chen;

Decision and Control, 1991., Proceedings of the 30th IEEE Conference on , 11-13 Dec. 1991

Pages:156 - 161 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(372 KB\)\]](#) [IEEE CNF](#)

[1](#) [2](#) [3](#) [4](#) [5](#) [Next](#)
